

Rosenquist, et al.
Application No. 10/730,070
Docket No. 60686CIP(46865)

IN THE CLAIMS

1. (canceled)

2. (canceled)

3. (canceled)

4. (currently amended) A method of measurement ing the amount of the rate of type II collagen resorption comprising measuring in a sample the amount of a population of collagen type II fragments by a sandwich assay comprising forming antibody-fragment-antibody complexes involving a first antibody specifically reactive with first occurrence in said fragments of an epitope located in or comprised by part of the collagen type I[T]I amino acid sequence and a second antibody specifically reactive with a second occurrence of said epitope in said fragments by reacting each antibody with said fragments, measuring the amount of said complexes formed and correlating said measured amount with the rate of type II collagen resorption, wherein said part of the collagen type II amino acid sequence is EKGDPDP.

5. (currently amended) [A] The method as claimed in claim 4, wherein the measured amount of said complexes is compared with calibration values correlating said amount to a clinical condition.

6. (currently amended) [A] The method as claimed in claim 5, wherein said clinical condition is cartilage resorption, osteoarthritis, rheumatoid arthritis or other inflammatory joint disease.

7. (currently amended) [A] The method as claimed in claim 4, wherein the same antibody is used as said first antibody and as said second antibody.